

# Me2

## Contractor and Consultant Qualification Requirements

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# Agenda

- Overview of the Me2 Program
- Me2 Participation Requirement
- Overview of Focus on Energy
- Home Performance with ENERGY STAR®
- Q&A



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# Milwaukee Energy Efficiency Program (Me2)

- Cities of Milwaukee, Madison, and Racine were awarded \$20M from the federal government to launch a \$100M city-wide retrofit program
- For residences, Focus on Energy Home Performance with ENERGY STAR protocol required
- Innovative loan product(s) offered to homeowners and businesses to finance energy retrofit work
- Energy Advocates utilized to help homeowners through the process and assess financing options
- City-wide marketing campaign for energy efficiency



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# The Homeowner Experience

1. Energy Advocate provides initial customer outreach, initial walkthrough consultation, describes program and financing options, reviews Consultant assessment\*
2. Home assessment by Consultant (blower door test, infrared review, etc.)
3. Consultant provides and reviews assessment report with property owner
4. Homeowner selects from list of recommended measures; selects a contractor from an approved list; contractor completes work *according to consultant specifications*
5. Final inspection and quality assurance check on contractor work with Consultant
6. Contractor is paid through consumer financing option\*
7. Homeowner repays loan as they reap energy savings\*

\*Me2 enhancements to existing program

# Me2 Qualified Contractors

- Wisconsin Energy Conservation Corporation will issue RFQ for qualified contractors
  - Qualifications will require Community Workforce Agreement provisions
  - Contractor must be licensed and insured (bonding required for non-residential projects)
  - Focus on Energy qualifications
  - EPA lead abate rules
  - Documented waste disposal plan
  - Not disbarred by State and Federal authorities



# Community Workforce Agreement Provisions

- Community Workforce Agreement implemented for trades work in Me2
  - Davis-Bacon (prevailing) wages
  - 40% utilization of Residence Preference Program Workers
  - Workers as employees of the contractor
  - OSHA safety training
  - Documentation of above
- Insulation/air sealing certification compliance within 6 months
- Coordination with workforce development partners to provide contractors with qualified workers



# Davis-Bacon Act

- Payment of prevailing wage rates and fringe benefits
- Posting of applicable prevailing wage rates
- Payment of 1 ½ rate for overtime (40 hours)
- Correct classification of workers
- Weekly pay periods
- Submission of weekly certified payrolls
- Wages schedules will be available on <http://www.wdol.gov/dba.aspx>



# Residence Preference Program (RPP)

- 40% of worker hours performed on Me2 projects by each contractor in a 6 month period must be performed by currently unemployed or underemployed RESIDENTS of the City of Milwaukee
  - Worked less than 1,200 hours in last 12 months
  - Not worked in last 30 days
  - Household income less than federal poverty limit regardless of employment
  - Employee maintains RPP status for 5 years
- Contractor submits affidavit of all employees that meet RPP guidelines, or plan to recruit accordingly
- How to recruit RPP eligible persons





# What is Focus on Energy?

- Wisconsin's statewide resource for energy efficiency and renewable energy
- Legislature created the program in 1999; expanded in 2005
- Helps implement projects that would not occur otherwise
- Customer eligibility based on their electric and/or natural gas utilities



# Focus on Energy Offerings

- Residential, Business, and Renewable Energy Programs
  - Single and multifamily homes
  - Commercial, industrial, agricultural and school/government buildings
- Education, technical expertise, and financial assistance



# Focus Accomplishments

- Over 85,000 businesses and over 1.3M residents have already participated in Focus on Energy
- More than 3,000 market provider partnerships statewide
- By mid-2009, Wisconsin's residents and businesses were saving more than \$268M annually as a result of Focus on Energy programs



# Existing Homes



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# Home Performance with ENERGY STAR

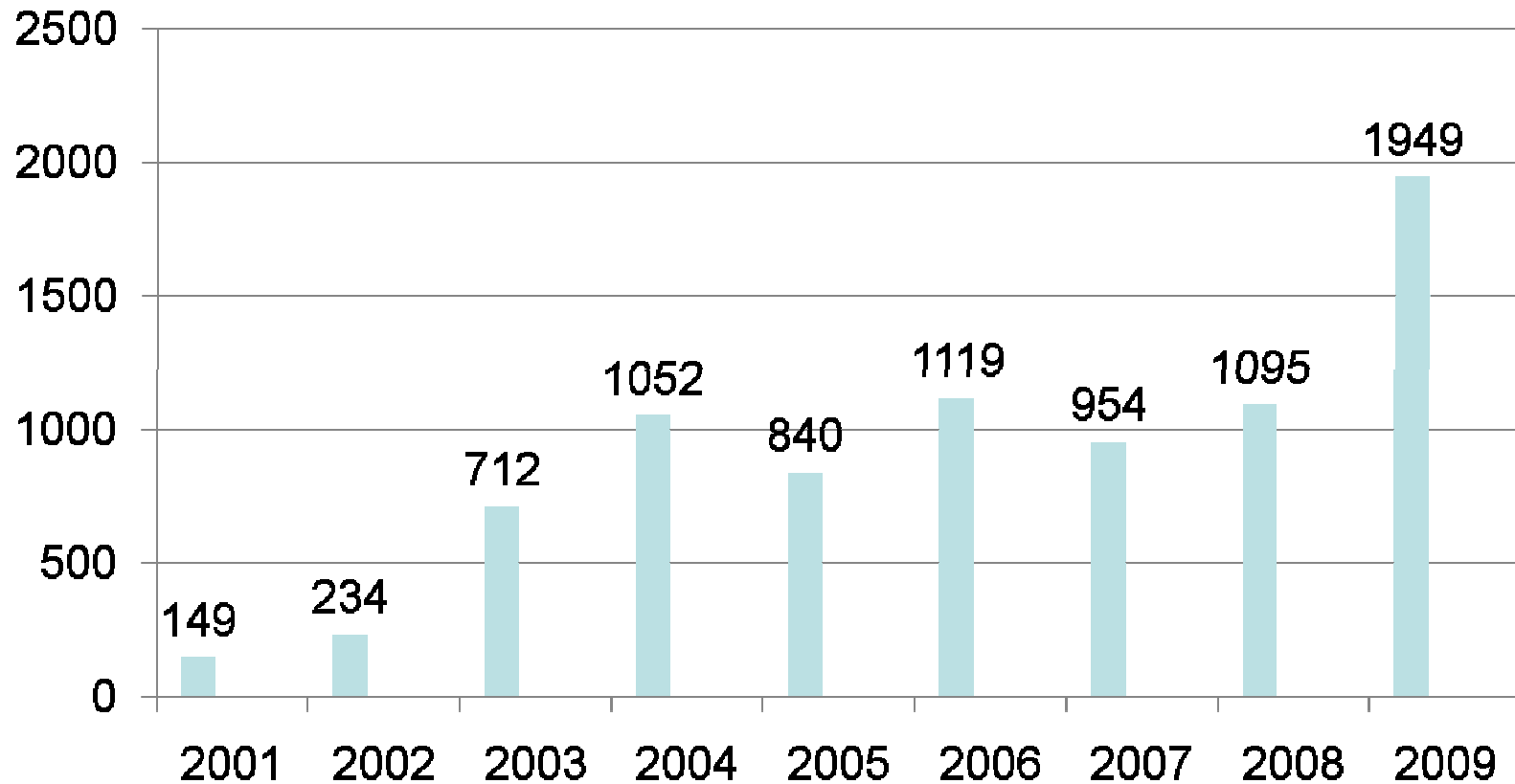
- Implemented in partnership with the EPA's national program
- 1,950 Home Performance with ENERGY STAR *completed* projects in 2009
- 75% of homeowners completing work installed 3 or more recommended measures



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# Completion History



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# Cash-Back Rewards

		<b>Home Performance with ENERGY STAR®</b> <b>Cash-Back Reward Eligibility Summary</b> January 1, 2010 to December 31, 2010				
<small>Cash-Back Rewards apply to single family, 1-3 unit rental building, or townhome (per individual unit) structures. All Cash-Back Rewards are based on receipt of information from a partnering Consultant or Qualified Contractor. Customers must meet eligibility requirements to qualify for Focus on Energy incentives. See page 3 for eligibility details or call Focus on Energy at 800.762.7077 for more information.</small>						
Home Performance with ENERGY STAR Measure	Technical and Eligibility Criteria <i>Refer to Instructions and Descriptions section for additional information</i>	Reward Amount (Per Home)	Fuel Source Requirement			
			Electric Heat	Gas Heat	LP/Oil/Wood	Federal Tax Credit
<b>BUILDING SHELL</b>	Air Sealing – 400 cfm reduction	Reduce by 400 cfm or 25% of pre-test	\$75	X	X	X
	Air Sealing – 1000 cfm reduction	Reduce by 1000 cfm	\$125	X	X	X
	Air Sealing – 1600 cfm reduction	Reduce by 1600 cfm	\$175	X	X	X
	Attic Insulation	Install to recommended R value	\$100	X	X	X
	Floor Insulation	25 sq. ft. minimum	\$75	X	X	X
	Foundation - Exterior Insulation	Rigid extruded polystyrene	\$150	X	X	X
	Foundation - Interior Insulation	Rigid extruded polystyrene fiberglass, or spray foam	\$200	X	X	X
	Knee-wall Insulation	Knee-wall	\$100	X	X	X
	Sidewall - Cavity Insulation	Closed or open	\$200	X	X	X
	Sidewall - Foam Insulation R3 – R4	700 sq. ft. minimum	\$100	X	X	X
	Sidewall - Foam Insulation R5 or greater	700 sq. ft. minimum	\$150	X	X	X
	Sill Box Insulation	Must be air sealed prior to insulation installed	\$50	X	X	X
<b>ADDITIONAL REWARDS</b>	Completion Reward	3 recommended complete shell insulation measures in addition to air sealing if applicable	\$300	X	X	
	Completion – LP/Oil/Wood Reward	3 recommended complete shell insulation measures in addition to air sealing if applicable - Customer receives no Rewards for the actual measures	\$300			X
	New Customer Referral	Referral customer must complete a post blower door test	\$50	X	X	X

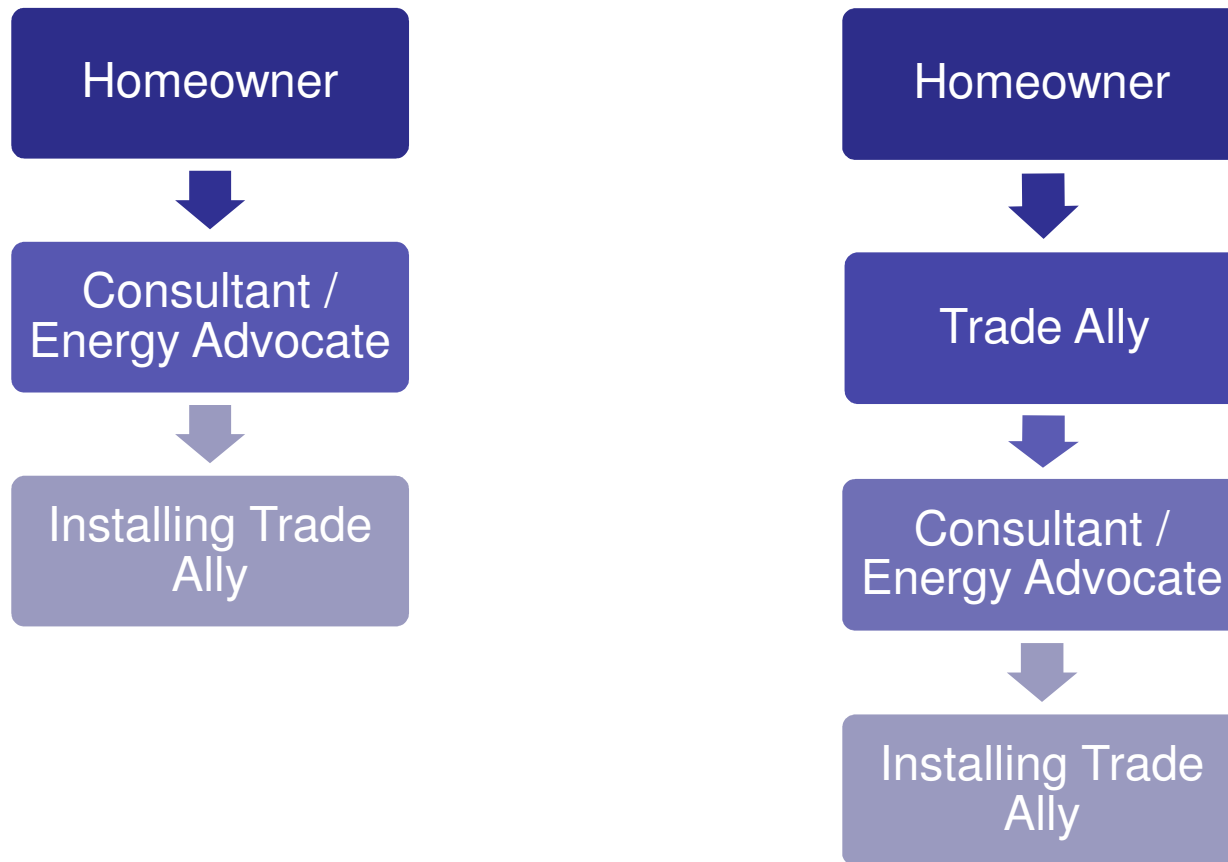
<http://www.focusonenergy.com>



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# Consumer Program Participation Paths





# Trade Allies

- Installing Trade Allies = Contractors
  - Partner with a Consultant
  - Installs energy efficiency measures recommended by Consultant
  - Requires Retrofit Clinic participation
  - Eligible for coop marketing money
  - Must sign Focus on Energy's Trade Ally Agreement



# Consultants (a.k.a. Auditors)

- Independent businesses
  - May offer a variety of options above and beyond Home Performance with ENERGY STAR requirements
- Third party recommendations on the measures a homeowner needs
  - They are not employed by contractors
- Perform a full energy evaluation of the home
  - Includes performance testing of ventilation and mechanical systems, combustion safety testing, building tightness, and insulation levels



# Consultants

- Provide a written report outlining suggested changes and help determine next steps
- Will suggest Trade Allies that do the work to the Program's standards
- After the work is complete, consultant returns to provide independent verification the work was done correctly and re-test for combustion equipment if necessary



# Consultant Program Training

- Two week classroom and field training by Program Staff
  - 2 trainings per year
  - 10 to 12 candidates per training
- RESNET Home Energy Rater certification
- BPI Building Analyst certification
- Mentoring in the field by Program Staff for first 3 to 5 projects



# Consultant Services

- Primary focus is on building shell to deliver whole-house building performance
- Service includes pre and post evaluations
  - Blower door
  - Diagnostics
  - Combustion safety
- Delivered for fee



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# Certifications

Individuals



Homes



Companies



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# Building Analyst Professional

- BPI Certified Professional
- Building science (fundamentals)
- Buildings and their systems
- Measurement and verification of building performance
- BPI National Standards and Project Standards
- Analyzing building systems







# Envelope Professional

- Building science (intermediate)
- Envelope and their interaction with other building systems
- Measurement and verification of building performance
- BPI National Standards and Project Standards
- Optimizing building envelopes and their interaction with building systems





Air Sealing Installer  
Dense – Pack Insulation Installer  
Air Sealing Crew Chief  
Dense – Pack Insulation Crew

- Proposed certifications for professionals
- Review and comment phase





# Accredited Organization

- BPI Accredited organization
- An entity that complies with the requirements set by BPI to enhance the delivery of consistent, quality focused building performance services



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**RESNET®**

CERTIFIED ENERGY AUDITORS/RATERS AND  
QUALIFIED CONTRACTORS/BUILDERS

*Residential Energy Services Network*



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The logo for RESNET, featuring the word "RESNET" in a bold, red, sans-serif font with a registered trademark symbol.

CERTIFIED ENERGY AUDITORS/RATERS AND  
QUALIFIED CONTRACTORS/BUILDERS

*Residential Energy Services Network*

- Home Energy Rater
  - A person trained and certified by a rating Provider to perform the functions of inspecting and analyzing a home to evaluate the minimum rated features and prepare an energy efficiency rating
  - Modeling REM/Rate or approved software
  - Rating for the home using HERS Index



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The logo for focus on energy, featuring a cluster of white dots of varying sizes arranged in a circular pattern to the left of the text "focus on energy" in a bold, sans-serif font. Below the text is the tagline "The power is within you." in a smaller, italicized font.

# Consultant Trainings

Currently provided by WECC

- Consultant Training to be held in early 2011 in Milwaukee
- BPI Installer certifications when available



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# On-Going Communication and Support

- Email updates
- Website under development
- Future workshops
- Your feedback

# Questions and Contacts

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